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NPIC/R-895/64

October 1964

PHOTOGRAPHIC INTERPRETATION

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57 Pages

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OAK - PART II
MISSION 1011-1
6-9 OCTOBER 1964



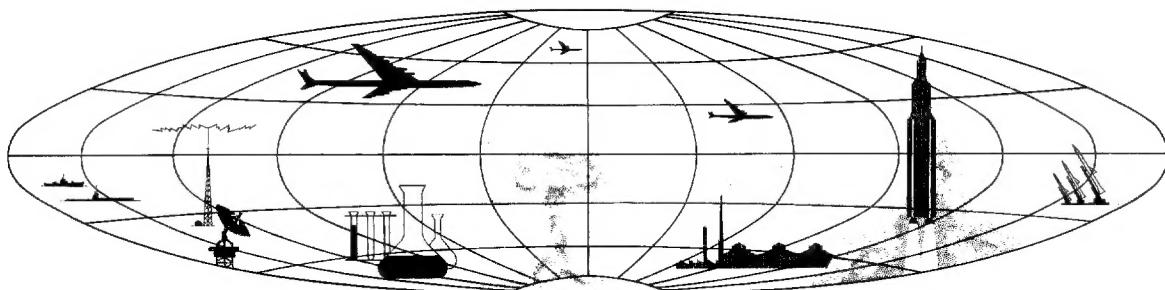
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OAK - PART II

MISSION 1011-1

PREFACE

THIS IS THE SECOND AND LAST DAILY OAK REPORT ON MISSION 1011-1 DEALING WITH THE HIGHEST PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD FROM 1500 HOURS 14 OCTOBER 1964 TO 1630 HOURS 15 OCTOBER 1964 PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. COMOR TARGETS OBSERVED ON MISSION 1011-1 ARE LISTED IN THE INDEX OF THIS REPORT.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATION OF TARGETS IN THIS REPORT IS INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 1011-1 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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Highlights

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HIGHLIGHTS

25X1A

1. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER [REDACTED] 25X1A
MISSILE EXERCISES ARE APPARENTLY UNDERWAY AT BOTH LAUNCH AREAS 2C AND 3C. AT LAUNCH AREA 4C, CONSTRUCTION CONTINUES AT LAUNCH SITE 4C-1 AND THE LARGE STRUCTURE PREVIOUSLY OBSERVED AT THE EASTERN FORWARD SILO APPARENTLY HAS BEEN DISMANTLED.

2. SHUANG-CHENG-TZU MISSILE TEST CENTER [REDACTED] 25X1A
ENTIRE TEST CENTER COVERED BY CLEAR, GOOD-QUALITY PHOTOGRAPHY. THE SSM LAUNCH COMPLEXES SHOW NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]. THE SAM LAUNCH COMPLEX HAS NEW CONSTRUCTION ACTIVITY IN BOTH THE HOUSING AND SUPPORT AREA AND EQUIPMENT IS PRESENT IN THE LAUNCH SITES.

3. MOSCOW GUIDED MISSILE PLANT 67 [REDACTED] 25X1A
THE PLANT IS LOCATED 8 NM EAST OF THE CENTER OF MOSCOW AND APPEARS TO CONSIST OF A RESEARCH AND DEVELOPMENT AREA AND A PRODUCTION AREA.

4. MOSCOW SUSPECT ABM AREA [REDACTED] 25X1A
TWO NEW AREAS OF CONSTRUCTION IDENTIFIED AT SA-1 SAM SITES E05-1 AND E33-1. AT E05-1 THE ACTIVITY CONSISTS OF CLEARINGS FOR A SUSPECT BUILDING TRIAD, WHILE AT E33-1 THE ACTIVITY IS BELIEVED TO BE FOR A PROBABLE BUILDING TRIAD. A RECTANGULAR REVETMENT HAS BEEN COMPLETED BETWEEN THE FOURTH AND FIFTH RIB ROADS OF E05-1.

5. LENINGRAD PROBABLE AMM AREA [REDACTED]
AT THE NE PROBABLE AMM COMPLEX, NO CHANGES ARE OBSERVED AT THE 5 LAUNCH SITES, IN THE SUPPORT AREA, OR AT THE OUTRIGGER POSITIONS NW AND SE OF THE CONTROL CENTER. AREA ADJACENT TO THE CONTROL CENTER HAS BEEN LEVELED.

AT THE NW COMPLEX EARTH MOUNDING OF THE PROBABLE CONTROL CENTER HAS PROGRESSED AND THE AREA ADJACENT ON THE WEST HAS BEEN FURTHER LEVELED. NO CHANGE APPARENT IN STRUCTURES AT THE OUTRIGGER POSITIONS. CONSTRUCTION STATUS OF UNIDENTIFIED FACILITY AT SE CORNER OF COMPLEX IS UNDETERMINED. NO APPARENT CHANGES OBSERVED AT SW PROBABLE AMM COMPLEX.

6. CHEREPOVETS SUSP AMM/SAM LNCH COMPLEX U/C [REDACTED]
CONSTRUCTION AT THE SUSPECT LAUNCH SITES HAS PROGRESSED, HOWEVER, THEY REMAIN IN A VERY EARLY STAGE OF CONSTRUCTION.

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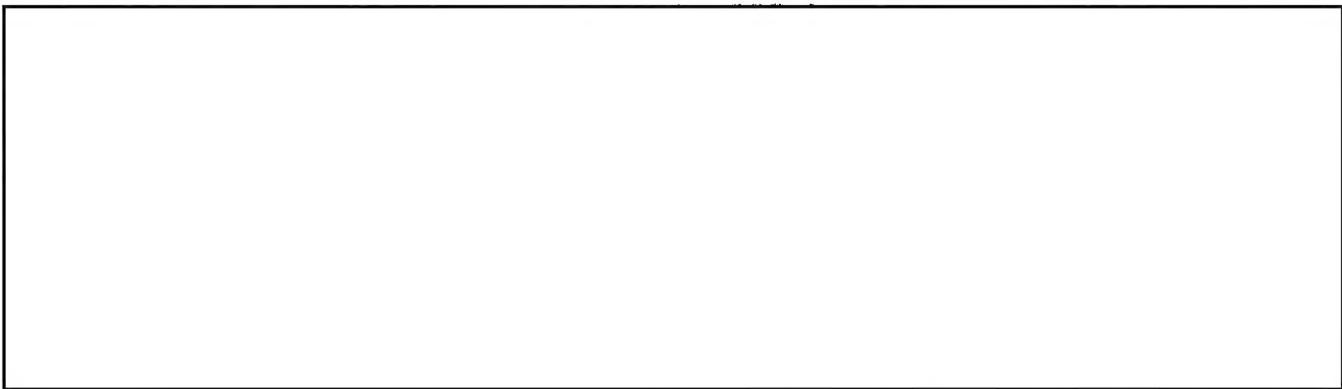
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7. LITKI FIXED FIELD MRBM SITE 2 (MISSILE BONUS)
THIS FIXED FIELD MRBM SITE HAS BEEN NEWLY IDENTIFIED 1.7 NM SOUTH
OF LITKI AND IS THE THIRD SUCH SITE NEAR THE KOROSTEN MRBM
LAUNCH COMPLEX.

25X2



11. OSTROV PANKRATYEVA LONG-RANGE LF NAV ANTENNA (ELEC BONUS) :
ANTENNA FOR 275-360 KC OPERATION HAS CABLE RUNS THAT INTERSECT AT
90 DEGREES FORMING A T CONFIGURATION.

STATUS OF COMOR TARGET READOUT

A TOTAL OF 114 COMOR TARGETS WAS OBSERVED IN THE OAK REPORTING
PERIOD AND ARE COVERED IN OAK PARTS I AND II AND ARE LISTED IN THE
INDEX AT THE CONCLUSION OF THIS REPORT.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY IS PRESENTED IN THE
FOLLOWING TABLES ON SUCCEEDING PAGES.

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 3 -- SAM AND AMM DEPLOYMENT
- TABLE 4 -- NUCLEAR ENERGY ACTIVITY
- TABLE 5 -- AIRCRAFT ACTIVITY
- TABLE 6 -- SUBMARINE ACTIVITY
- TABLE 7 -- DATE AND TIME OF PHOTOGRAPHIC PASSES

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Table 1. Soviet ICBM Deployment

Complex	Launch Area													Total Soft Sites	Total Hard Sites	Total Launch Positions	Last Effective Coverage	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N				
Aleysk	M	M	M	M	M	M									6	6		
Dombarovskiy	(M)	(M)	(M)	(M)	(M)	(E)									5	5		
Drovyanaya	(C)	(C)	(C)	(C)	(L)	(L)									3	3	15	
Gladkaya	(C)	(C)	(M)	(E)											2	2	10	
Imeni Gastello	M	M	M	M	M													
Itatka	C	C	C												8	6		
Kartaly	E	E	E															
Kostroma	C	C	C	C	C	C	C	C	M						6	2	15	
Kozelsk	(C)	(C)	(C)	(C)	(C)										3	2	12	
Novosibirsk	C	C	L	C	C										3	2	12	
Olovyanaya	(C)	(L)	(L)	(M)**														
Omsk	C														1	1	3	
Perm	C	C	C	C	C	L									5	1	18	
Plesetsk*	(C)	(C)	(C)	(C)	(C)	(C)	(E)	(E)							*10***	1	19	
Shadrinsk	C	C	L												3	9		
Svobodnyy	(C)	(C)	C	(C)	(C)	(C)	(L)	(C)							7	1	17	
Teykovo	(C)	(C)	(C)	(C)	(C)	(C)									6	12		
Tyumen	C	C													2		4	
Uzhor	(M)	(M)	(M)	(M)	(M)	(E)									6	6		
Verkhnyaya Salda	C	C	C	C	C	C	C	C	C						7	2	20	
Yedrovo	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)							6	2	18	
Yoshkar-Ola	C	C	C	C	C	C									6		12	
Yurya	C	C	C	C	C	C	C	C	C	C	C	L			8	3	25	
Zhangiz-Tobe	M	(M)	(M)	(M)	E										5	5		
Construction Status (C-complete, L-late, M-mid, E-early)													Deployment Total	77	64 (1†)	270		
Tyuratam MTC	C	C	C	L	C	C	M	C	M	M	M	M		10	9	35		
														Grand Total	87	73	305	

*Includes Launch Points I-IV, complete

**Carried as Launch Group

***Total does not include two SSM pads at Complex F.

Includes 44 single silos (6-Aleysk, 5-Dombarovskiy, 5-Imeni Gastello, 3-Kartaly, 6-Olovyanaya, 8-Tyuratam MTC, 6-Uzhor, 5-Zhangiz-Tobe)

† Possible

 Newly identified Covered by current mission

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Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	121	11	18	11	161	633
Caucasus	3		2	3	8	29
Central Asia	2	4	1	5	12	43
Far Eastern	11	1		2	14	54
Totals	137	16	21	21	195	759

Totals do not include 65 fixed field-type sites with total of 233 clearings and one launch facility at Sovetskaya Gavan.

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Table 3. SAM and AMM Deployment

	Country															
	USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Rumania	Yugoslavia	China	North Korea	Indonesia	Egypt	Cuba	India	Totals	
SA-0	13															13
SA-1	56															56
SA-2	942*	1	19	22	16	30	16	3	11	2	4	13*	24**	1		1151
SA-3	102				1											103
SAM support facilities	185	1	3	5	3	6	4	1	1	1	3	6				222
Probable AMM complexes	3															3
AMM/SAM complexes	2***															2

*Does not include 8 alternate sites (4 in USSR and 4 in Egypt)

***Includes 1 suspect complex.

**Does not include 22 abandoned sites.

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Table 6. AIRCRAFT ACTIVITY

Airfield	Last Coverage	Previous Significant Aircraft Count												Observed this Mission												
		B20A	BEAB	BADGER	BLUNDER	BOUNDER	MANDRAG	MALLOW	FODDER	FITTER	FISHER	FISHEROT	TOTALS	B20A	BEAB	BADGER	BLUNDER	BOUNDER	MANDRAG	MALLOW	FODDER	FITTER	FISHER	FISHEROT	FREBAR	TOTALS
Akhtubinsk/Vladimirovka		28	12	12									31													
Belya		52											57													
Anadyr/Loninka																										
Anisovo Gorodishche																										
Arkhangel'sk/Kholm*																										
Arton North		48											18													
Baranovichi*		20	8										25	24	8											32
Borzya NW		6											0	5												5
Belya Tsvorkov		0	65										71	0	63											69
Bobruysk*		52											52		51											51
Chernovo-Glinskoye		11											11		10											10
Bykov*		58											56		48											48
Chopelovka*		17											34		30											39
Dolou*		37	12										42													
Donskoy Lake		4B/B											14													
Engols*		84	9										80	30	2											54
Gomel Pribytki		16	36										69													
Kalinin*		3											3		49											40
Kelinograd/Provoron		3	14										10	10	37											47
Komsomolsk Pit 126			23										20													
Kozan A/C Pit 23		7	20										27													
Mal Yavr		10	4										0													
Molitopol		8											2	10												
Minsk/Machulishche*													(NO AIRCRAFT)													
Mirgorod		33											33													
Moscow/Ramenskoye		7	1	21***	6	1		4					40***	6	3	18**	5	1								36
Mozolok*													(NO AIRCRAFT)													
Nozbin			28										26													
Nikolayev/Kubakino		31											51													
Okytyaheskoje													10													
Olenegorsk		10											56													
Orsha Southwort*		35											30													
Ostrov Gorokhova		30																								
Petropavlovsk/Yelizovo													53													
Poltava*													53													
Priluki*		5											5													
Romanovka West		20											24													
Ryzan/Dyagilovo		32 B/B	0										44	44	89											43
Saki		25	5										27													
Sarabuz		18											18													
Severomorsk		2											2													
Shaulian*			16 B/B										18	221 B/B												22
Soltay*		21	24										28		87											27
Spusok Dalniy East		11											11													
Stryi*		20											20		30											30
Tartu		28											28													
Ukraina*		11											16	36 B/B	32											39
Usauriysk Vozdvizhenska			56										56													
Zhitomic/Skomorokhi*		2											2		2											
TOTALS	401		89	80	913	112	1	14	4	22	4	3	1280	42	48	419	50	1	3						621	
			20 B/B										36 B/B													

† POSSIBLE ‡ PROBABLE * BADGER/CAMEL ***PLUS 4 BADGER/CAMEL/COOKPOT B/C BEAR/CLEAR

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Base	Last Effective Coverage	Previous Submarine Count										Observed This Mission															
		SSBN, H-class	SSGN, E-class	SSB, G-class	SSB, Z-conversions	SSG, J-class	SSN, H/Longfin	SSN, X-class	SS, F-class	SS, Z-class	SS, R-class	SS, Q-class	SS, W-class	SS, Unidentified (M/H, S/L, etc.)	TOTALS	SSBN, H-class	SSGN, E-class	SSB, G-class	SSB, Z-conversions	SSG, J-class	SSN, H/Longfin	SSN, X-class	SS, F-class	SS, Z-class	SS, R-class	SS, Q-class	SS, W-class
Balaklava																									NC		
Dunay																									NC		
Gorkiy																									NC		
Khronstadt																									9		
Komsomolsk																									CC		
Leningrad																									5+		
Liepaya																									5		
Litsa Bay																									ID		
Magadan																									NC		
Olenya Guba																									CC		
Pechenga																									CC		
Petropavlovsk/Kamchatskiy																									CC		
Petrovka																									NC		
Polyarnyy																									CC		
Riga																									NC		
Rosta																									CC		
Sayda Guba																									CC		
Sevastopol																									NC		
Severodvinsk																									3+		
Severomorsk																									3		
Sovetskaya Gavan																									CC		
Strelok Strait																									CC		
Ura Guba																									1		
Vladimir																									1		
Vladivostok																									NC		
Yokanga																									NC		
Paldiski																									NC		
TOTALS		9	6	0	1	0	2	11	F/Z	0	28	W/R	12	101	3	186								21			

9Q

*E-1 Class **POSSIBLE ***PROBABLE ****NOT COVERED CC CLOUD COVERED ID IDENTIFICATION ONLY

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Missiles

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MISSILES

PLESETSK ICBM COMPLEX UR 6256N 04039E

COMPLEX COVERED BY GOOD-QUALITY PHOTOGRAPHY WITH SCATTERED CLOUDS. ALL KNOWN COMPONENTS OF THE COMPLEX ARE VISIBLE AND NO NEW ICBM ACTIVITY IS OBSERVED. LAUNCH POINTS I-IV (SITES 1-3) AND LAUNCH AREAS A THRU E (SITES 4-8) SHOW NO SIGNIFICANT CHANGE IN FACILITIES.

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LAUNCH AREA F -- EACH PAD HAS A CIRCULAR UNIDENTIFIED OBJECT NEAR THE CENTER. NO OTHER SIGNIFICANT CHANGE OBSERVED SINCE MISSION [REDACTED] NO OPERATIONAL ACTIVITY OBSERVED AT ANY OF THE COMPLETED LAUNCH AREAS.

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PROBABLE LAUNCH AREAS G (SITE 9) AND H (SITE 10) -- CONSTRUCTION CONTINUES BUT NO SIGNIFICANT CHANGES ARE OBSERVED SINCE MISSION [REDACTED] THE RAIL TRACK HAS BEEN EXTENDED INTO LAUNCH AREA H (SITE 10) AND NOW TERMINATES ON THE 3 DEAD-END SPURS OF THE WISHBONE CONFIGURATION. THREE SHED-TYPE BUILDINGS HAVE BEEN ADDED IN THE VICINITY OF THE RAIL LINE BETWEEN THE 2 LAUNCH AREAS.

UNIDENTIFIED AREA EAST OF THE ADMINISTRATION/HOUSING AREA -- THE AREA CONSISTS OF A SECURED AREA CONTAINING A RAIL-SERVED CLERESTORY BUILDING UNDER CONSTRUCTION AND A DEAD-END SPUR. ANOTHER DEAD-END SPUR AND 2 BUILDINGS ARE LOCATED NW OF THE SECURED AREA. THERE ARE AT LEAST 6 BUILDINGS AND 2 CIRCULAR, SHALLOW EXCAVATIONS LOCATED NE OF THE SECURED AREA. A GOOD ROAD NETWORK, WITH WIDE-RADIUS TURNS, SERVES THE GENERAL AREA AND CONNECTS TO THE ADMINISTRATION/HOUSING AREA AND ALSO TO THE MAIN ROAD LEADING TO THE OPERATIONAL FACILITIES.

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NO ABM ACTIVITY OBSERVED IN THE CLOUD-FREE AREAS WITHIN A 50-NM RADIUS.

(ATTACHMENTS 1 & 2)

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[REDACTED] SVOBODNYY ICBM COMPLEX UR 5146N 12807E

COMPLEX IDENTIFICATION ONLY, EXCEPT FOR LAUNCH AREA C (SITE 2) AND THE COMMUNICATIONS SITE (LOCATED 3 NM NE OF THE COMPLEX SUPPORT FACILITY), WHICH ARE COMPLETELY CLOUD-COVERED.

25X1D

NO ABM ACTIVITY NOTED IN CLOUD-FREE PORTIONS OF 50-NM RADIUS SEARCH AREA. ONE-HALF OF EASTERN HALF OF SEARCH AREA NOT COVERED.

25X1A

[REDACTED] DROVYANAYA ICBM COMPLEX UR 5132N 11301E

COMPLEX COVERED BY GOOD-QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGES OBSERVED AT THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, OR LAUNCH AREAS A (SITE 1), B (SITE 2), C (SITE 4), OR D (SITE 3). BOTH LAUNCH AREAS E (SITE 5) AND F (SITE 6) HAVE BEEN BACKFILLED AND ARE IN A LATE STAGE OF CONSTRUCTION. A RIM FACILITY IS UNDER CONSTRUCTION WITHIN EACH SITE. TWO MISSILE READY BUILDINGS ARE LOCATED JUST OFF THE NE EDGE OF THE

25X1

25X1D

NO ABM ACTIVITY OBSERVED IN THE EASTERN 75 PERCENT OF THE 50-NM RADIUS SEARCH AREA. WESTERN 25 PERCENT NOT COVERED.

25X1A

[REDACTED] TEJKOVO ICBM COMPLEX UR 5652N 04035E

COMPLEX IS COVERED BY GOOD-QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGES APPARENT AT THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER

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POINT, OR LAUNCH AREAS A (SITE 1), B (SITE 2), C (SITE 3), D (SITE 4), E (SITE 5), F (SITE 6). NO NEW CONSTRUCTION IDENTIFIED.

25X1D NO ABM ACTIVITY OBSERVED IN THE WESTERN HALF OF THE 50-NM RADIUS SEARCH AREA. EASTERN HALF NOT COVERED.

25X1A

[REDACTED] YEDROVO ICBM COMPLEX UR 5751N 03341E

COMPLEX COVERED BY FAIR-QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGES OBSERVED AT THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, LAUNCH AREA A (SITE 2), LAUNCH AREA B (SITE 1), LAUNCH AREA C (SITE 5), LAUNCH AREA D (SITE 4), LAUNCH AREA F (SITE 6), AND LAUNCH AREA G (SITE 7). LAUNCH AREA E (SITE 8) AND THE LEFT SILO IS OPEN AT LAUNCH AREA E (SITE 8) AND THE CENTER SILO IS OPEN AT LAUNCH AREA I (SITE 3). LAUNCH AREA H (SITE 9) IS BEING DROPPED FROM THE ICBM COUNT, SINCE THE AREA SHOWS NO CHANGE SINCE [REDACTED] AND THE CHARACTERISTIC FEATURES OF A COMPLETED TYPE IIIA SITE STILL CANNOT BE IDENTIFIED.

25X1D NO ABM ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF THE COMPLEX.

25X1D

25X1A

[REDACTED] GLADKAYA ICBM COMPLEX UR 5605N 09213E

ENTIRE COMPLEX EXCEPT LAUNCH AREA A (SITE 3) COVERED BY POOR-QUALITY PARTIAL STEREO PHOTOGRAPHY. NO APPARENT CHANGE IN THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, AND LAUNCH AREA B (SITE 2) SINCE MISSION [REDACTED]. LAUNCH AREAS D (SITE 5) AND E (SITE 6) ARE IDENTIFICATION ONLY.

NO ABM ACTIVITY OBSERVED IN EASTERN HALF OF 50-NM SEARCH AREA.

25X1D

25X1

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TOP SECRET

25X1

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25X1

25X1

25X1D

[REDACTED]

25X1A

[REDACTED] UZHUR ICBM COMPLEX UR 5517N 08949E

COMPLEX IDENTIFIED ONLY.

NO ABM ACTIVITY OBSERVED IN VISIBLE PORTIONS OF
50-NM RADIUS SEARCH AREA.

25X1D

[REDACTED]

25X1A

[REDACTED] KOZELSK ICBM COMPLEX UR 5357N 03548E

25X1D

COMPLEX COVERED BY CLEAR, FAIR- TO GOOD-QUALITY
PHOTOGRAPHY. NO SIGNIFICANT CHANGES SINCE MISSION
[REDACTED] AT THE COMPLEX SUPPORT FACILITY,
THE RAIL-TO-ROAD TRANSFER POINT, OR TYPE IIC
LAUNCH AREAS A (SITE 3), B (SITE 2), D (SITE 4),
AND TYPE IIIB LAUNCH AREA E (SITE 5). TYPE IIIB
LAUNCH AREA F (SITE 6) APPEARS TO BE COMPLETE.
NO NEW CONSTRUCTION IDENTIFIED.

25X1D

NO ABM ACTIVITY OBSERVED WITHIN 50-NM OF THE
COMPLEX. EASTERN ONE-THIRD OF SEARCH AREA NOT
COVERED.

[REDACTED]

25X1A

[REDACTED] NERCHINSK SUSPECT SSM AREA UR 5158N 11635E

25X1D

NO SSM ACTIVITY OBSERVED IN WESTERN HALF OF 50-NM
RADIUS SEARCH AREA. EASTERN HALF NOT COVERED.

25X1A

[REDACTED] GVARDEYSK MRBM LAUNCH SITE 2 UR 5445N 02109E

NO NEW HARDENED SSM ACTIVITY OBSERVED WITHIN
25-NM RADIUS SEARCH AREA.

EXTENT AND QUALITY OF PHOTOGRAPHIC COVERAGE PERMITS
NEGATION OF AREA.

25X1

18

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TOP SECRET

25X1

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25X1

25X1

25X1D

[REDACTED]

25X1A

[REDACTED] SLAVSK MRBM LAUNCH SITE 2 UR 5500N 02129E

NO NEW HARDENED SSM ACTIVITY OBSERVED IN 25-NM
RADIUS SEARCH AREA.

EXTENT AND QUALITY OF PHOTOGRAPHIC COVERAGE PERMITS
NEGATION OF AREA.

25X1D

[REDACTED]

25X1A

[REDACTED] ZNAMENSK MRBM LAUNCH SITE 1 UR 5433N 02111E

NO NEW HARDENED SSM ACTIVITY OBSERVED IN THE 25-NM
RADIUS SEARCH AREA.

QUALITY OF PHOTOGRAPHIC COVERAGE PERMITS NEGATION OF
AREA.

25X1D

[REDACTED]

25X1A

[REDACTED] GUSEV MRBM LAUNCH SITE 1 UR 5441N 02205E

NO NEW HARDENED SSM ACTIVITY OBSERVED WITHIN 25-NM
RADIUS SEARCH AREA.

QUALITY AND EXTENT OF PHOTOGRAPHIC COVERAGE PERMITS
NEGATION OF AREA.

25X1D

[REDACTED]

25X1A

[REDACTED] YELSK MRBM LAUNCH SITE 1 UR 5142N 02912E

NO SSM ACTIVITY SIMILAR TO AREA 4C AT KYMTC OBSERVED
IN 25-NM RADIUS SEARCH AREA. THE AREA IS 100 PERCENT
COVERED BY GOOD-QUALITY, CLEAR PHOTOGRAPHY AND
CAN BE NEGATED.

25X1D

[REDACTED]

25X1

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25X1

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25X1

25X1A

[BALTA MRBM LAUNCH SITE 1 UR 4801N 02933E]

NO ADDITIONAL SSM ACTIVITY OBSERVED WITHIN 25-NM
RADIUS. AREA 100 PERCENT COVERED BY CLEAR
PHOTOGRAPHY AND CAN BE NEGATED.

25X1D

[]

25X1A

[NEMAN MRBM LAUNCH SITE UR 5501N 02211E]

NO NEW HARDENED SSM ACTIVITY OBSERVED WITHIN 25-NM
RADIUS SEARCH AREA.

25X1D

QUALITY AND EXTENT OF PHOTOGRAPHY PERMITS NEGATION
OF AREA.

25X1A

[ZHITOMIR MRBM LAUNCH SITE 1 UR 5004N 02816E]

NO SSM ACTIVITY SIMILAR TO AREA 4C AT KYMTC OBSERVED
IN 25-NM RADIUS SEARCH AREA.

25X1D

AREA 100 PERCENT COVERED BY GOOD-QUALITY, CLEAR
PHOTOGRAPHY AND CAN BE NEGATED.

25X1A

[PETRIKOV MRBM LAUNCH SITE UR 5210N 02834E]

NO SSM ACTIVITY SIMILAR TO THAT AT AREA 4C AT
KYMTC OBSERVED IN 25-NM SEARCH AREA.

25X1D

AREA IS 100 PERCENT COVERED BY GOOD-QUALITY, CLEAR
PHOTOGRAPHY AND CAN BE NEGATED.

25X1A

[BERDICHEV MRBM LAUNCH SITE UR 5005N 02822E]

NO SSM ACTIVITY SIMILAR TO AREA 4C AT KYMTC

25X1

20

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TOP SECRET

25X1

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25X1
25X1

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25X1

OBSERVED IN 25-NM RADIUS SEARCH AREA.

AREA 100 PERCENT COVERED BY GOOD-QUALITY, CLEAR
PHOTOGRAPHY AND CAN BE NEGATED.

25X1D

[REDACTED] GRANOV IRBM LAUNCH SITE 2 UR 4849N 02929E

LAUNCH SITE IS COMPLETE.

25X1D

NO ELECTRONIC OR NUCLEAR WARHEAD FACILITIES OBSERVED.

[REDACTED]

25X1D

25X1A

[REDACTED] GURLEVO MRBM LAUNCH SITE UR 5925N 02852E

25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

[REDACTED]

25X1D

25X1A

[REDACTED] OTYNYA MRBM LAUNCH SITE UR 4847N 02450E

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D

NO NUCLEAR WARHEAD FACILITY OR ELECTRONICS/
COMMUNICATIONS FACILITIES OBSERVED IN THE LAUNCH AREA.

[REDACTED]

25X1D

25X1A

[REDACTED] RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE UR 5104N 02807E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

[REDACTED]

25X1D

25X1A

[REDACTED] SOKAL MRBM LAUNCH SITE 3 UR 5020N 02426E

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1

21

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TOP SECRET

25X1

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25X1

25X1

25X1D

25X1A

LIELELEJA MRBM LAUNCH SITE UR 5624N 02336E

NO APPARENT CHANGE IN FACILITIES SINCE
MISSION [REDACTED]

25X1D

25X1D

HAZE PRECLUDES DETAILED INTERPRETATION.

25X1A

SEmenovka IRBM LAUNCH SITE 2 UR 4753N 03057E

25X1D

25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D

25X1A

Kishentsy MRBM LAUNCH SITE UR 4900N 03013E

NO APPARENT CHANGE SINCE MISSION [REDACTED]

NO NEW SSM ACTIVITY IN 25-NM RADIUS SEARCH AREA.

AREA IS 100 PERCENT COVERED BY CLOUD-FREE, GOOD-
QUALITY PHOTOGRAPHY AND AREA CAN BE NEGATED.

25X1D

NO NUCLEAR WARHEAD OR ELECTRONIC FACILITIES OBSERVED.

25X1A

[REDACTED] KALNIK IRBM LAUNCH SITE UR 4859N 02922E

SITE IN LATE STAGE OF CONSTRUCTION. BACKFILLING
IS NOT COMPLETE ON LEFT FRONT SILO. NO ELECTRONIC
OR NUCLEAR WARHEAD FACILITIES OBSERVED.

25X1D

25X1D

25X1A

[REDACTED] BOLSHAYA KAMENKA IRBM LAUNCH SITE UR 5145N 04541E

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1

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TOP SECRET

25X1

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25X1

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25X1

25X1D NO VEHICULAR ACTIVITY IN SITE AREA.

25X1A

KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR UR 4835N 04545E

THE SAM FACILITIES, ELECTRONIC SITE, AND AIRFIELD ARE IDENTIFICATION ONLY.

25X1D

25X1D

THE TEST AND SUPPORT COMPLEX SHOWS NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

LAUNCH COMPLEX E (SITE 3), ITS ASSOCIATED BIVOUAC/TRAINING AREA, AND THE NEW AREA NNE ARE CLOUD COVERED. THE TROOP TRAINING AREA

BETWEEN LAUNCH COMPLEXES A AND E AND THE LAUNCH COMPLEX A SUPPORT AND HOUSING AREA ARE BOTH PARTIALLY CLOUD COVERED BUT VEHICLES CAN BE OBSERVED IN THE SAME RELATIVE POSITIONS AS ON

25X1D

MISSION [REDACTED] LAUNCH COMPLEXES A AND B SHOW NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] AND NO ACTIVITY IS OBSERVED IN LAUNCH AREAS OF EITHER COMPLEX. TENTS AND VEHICLES ARE STILL PRESENT IN THE BIVOUAC/TRAINING AREAS WEST OF THE B LAUNCH AREAS.

25X1D

LAUNCH COMPLEX C (SITES 2, 4-9) -- LAUNCH AREA 1C (SITE 7) SHOWS NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] TWO VEHICLES/PIECES OF EQUIPMENT ARE ON THE ROAD IN THE LAUNCH AREA 1C FINAL CHECKOUT AREA.

25X1D

LAUNCH AREA 2C (SITE 6) -- NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] AN EXERCISE IS APPARENTLY UNDERWAY WITH VEHICLES/PIECES OF EQUIPMENT PRESENT ON BOTH PADS.

LAUNCH AREA 3C (SITE 5) -- NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] AN EXERCISE IS APPARENTLY UNDERWAY WITH VEHICLES/PIECES OF EQUIPMENT PRESENT ON THE PAD.

LAUNCH AREA 4C (SITE 4) -- CONSTRUCTION CONTINUES AT LAUNCH SITE 4C-1 WITH UNIDENTIFIED ACTIVITY TAKING PLACE AT THE EASTERN FORWARD SILO. THE

25X1

23

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25X1

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25X1

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25X1

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25X1D

LARGE STRUCTURE PREVIOUSLY OBSERVED AT THIS
SILO APPARENTLY HAS BEEN DISMANTLED. NO
APPARENT CHANGE IN FACILITIES SINCE MISSION
[REDACTED] AT LAUNCH SITE 4C-2. THE 2 FORWARD SILOS
ARE BOTH OPEN. SEVERAL VEHICLES/PIECES OF
EQUIPMENT CAN BE SEEN IN THE SITE.

25X1D

25X1D

LAUNCH AREA 5C (SITE 2) -- NO APPARENT CHANGE
IN FACILITIES SINCE MISSION [REDACTED]
SEVERAL VEHICLES/PIECES OF EQUIPMENT CAN BE
SEEN IN LAUNCH SITE 5C-1.

25X1D

LAUNCH COMPLEX C SUPPORT AREA -- NO APPARENT
CHANGE IN FACILITIES SINCE MISSION [REDACTED]
IN THE ADMINISTRATIVE, HOUSING AND SERVICE
AREAS, SSM BIVOUAC AREAS, MISSILE FINAL ASSEMBLY
AND CHECKOUT AREA, WARHEAD HANDLING AND CHECKOUT
AREAS, AND THE UNIDENTIFIED FACILITY NORTH OF
THE RANGEHEAD INTERFEROMETER SITE. VEHICLES
ARE PARKED IN THE ADMINISTRATION, HOUSING AND
SERVICE AREA, AND THE SSM BIVOUAC AREA.
VEHICLES/PIECES OF EQUIPMENT ARE ALSO PRESENT
IN THE WARHEAD AND CHECKOUT AREA EAST OF AND
THE UNIDENTIFIED FACILITY NORTH OF LAUNCH
COMPLEX C.

25X1D

CONSTRUCTION CONTINUES IN THE RAIL-SERVED
PROBABLE MISSILE ASSEMBLY AND CHECKOUT AREA
APPROXIMATELY 5.5 NM NW OF LAUNCH COMPLEX C.
A REVETMENT HAS BEEN CONSTRUCTED SINCE MISSION
[REDACTED] BETWEEN THE 3 NEW POSSIBLE DRIVE-THROUGH
BUILDINGS AND THE OLDER PORTION OF THE
INSTALLATION.

25X1D

25X1D

LAUNCH COMPLEX D (SITE 1) -- NO APPARENT CHANGE
IN FACILITIES SINCE MISSION [REDACTED]
UNIDENTIFIED EQUIPMENT IS PRESENT ON LAUNCH
PAD 1D-3.

THE LAUNCH COMPLEX G HOUSING AND SUPPORT AREA,
AND THE 2 TRACKING SITES WEST OF G ARE
IDENTIFICATION ONLY.

THE LAUNCH COMPLEX G LAUNCH AREA, THE LAUNCH
COMPLEX D FINAL ASSEMBLY AND CHECKOUT AREA,
MISSILE STORAGE AND HANDLING AREA NORTH OF

25X1

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TOP SECRET

25X1

~~TOP SECRET~~

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25X1

25X1

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25X1

VLADIMIROVKA AIRFIELD, AND VLADIMIROVKA AIRFIELD
ARE ALL CLOUD COVERED.

25X1D

SHUANG-CHENG-TZU MISSILE TEST CENTER CH 4107N 10020E

25X1A

THE ENTIRE SHUANG-CHENG-TZU MISSILE TEST CENTER
IS COVERED BY CLEAR, GOOD-QUALITY PHOTOGRAPHY.

25X1D

25X1D

THE SSM LAUNCH COMPLEXES SHOW NO APPARENT CHANGE IN
FACILITIES SINCE MISSION [REDACTED] A SMALL
UNIDENTIFIED OBJECT IS PRESENT ON THE PAD OF LAUNCH
AREA C. AN UNIDENTIFIED VEHICLE APPROXIMATELY 70 FT
LONG IS PARKED ALONGSIDE THE FINAL CHECKOUT
BUILDING IN THE LAUNCH COMPLEX A FINAL CHECKOUT AREA.
THREE VEHICLES ARE OBSERVED IN THE MOTOR POOL OF THE
SSM HOUSING AND SUPPORT AREA AND 2 VEHICLES ARE
PARKED ON THE PLATFORM OF THE ADJACENT METEOROLOGICAL
STATION. THE SAM LAUNCH COMPLEX SHOWS NEW
CONSTRUCTION ACTIVITY IN BOTH THE HOUSING AND SUPPORT
AREA. ONE NEW BUILDING HAS BEEN COMPLETED
SINCE MISSION [REDACTED] EQUIPMENT IS PRESENT IN
THE LAUNCH SITES.

25X1D

LAUNCH SITE A HAS AN UNIDENTIFIED PIECE OF EQUIPMENT
PRESENT ON 5 OF THE LAUNCH PADS, 5 PIECES OF
EQUIPMENT/VEHICLES IN THE CENTRAL GUIDANCE AREA,
AND AT LEAST 5 VEHICLES/PIECES OF EQUIPMENT PARKED
IN THE REVETTED HOLD AREA TO THE REAR.

25X1D

LAUNCH SITE B HAS AN UNIDENTIFIED PIECE OF EQUIPMENT
PRESENT ON 5 OF THE LAUNCH PADS, INCLUDING ONE
OF THE 2 PROTECTED BY LARGE REVETMENTS. A PROBABLE
GUIDANCE RADAR IS IN FRONT OF THE BUILDING IN THE
GUIDANCE AREA AND AT LEAST 4 PIECES OF EQUIPMENT ARE
IN THE REVETTED HOLD AREA. NO APPARENT CHANGE SINCE
MISSION [REDACTED] IN THE 4 OPERATIONAL SUPPORT
AREAS OR THE THERMAL ELECTRIC POWER PLANT NEAR THE
MAIN SUPPORT BASE.

TWO LARGE PROBABLE SHOP-TYPE BUILDINGS HAVE BEEN
COMPLETED SINCE MISSION [REDACTED] IN THE MAIN
SUPPORT BASE AND ADDITIONAL SUPPORT STRUCTURES MAY BE

25X1

25X1

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25X1

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25X1D

25X1D

HAS BEEN REMOVED AND THE AREA LEVELED ADJACENT TO THE NW SIDE OF THE CONTROL CENTER. ADDITIONAL EARTH REMOVAL HAS OCCURRED AT 2 LOCATIONS EAST OF THE CONTROL CENTER, ONE APPROXIMATELY 600 FT FROM THE CENTER AND THE OTHER ON TERRAIN AT A LOWER ELEVATION APPROXIMATELY 500 FT SW OF THE SUPPORT AREA. EARTH HAS BEEN MOUNDED TO A CONSIDERABLE HEIGHT JUST NW OF THE SUPPORT AREA. DISTURBED EARTH WAS OBSERVED AT THIS LOCATION ON MISSION [REDACTED] WITH NO EVIDENCE OF ACTIVITY ON MISSION [REDACTED] A NW/SE ROAD APPROXIMATELY 300 FT EAST OF THE PROBABLE COMPLEX CONTROL CENTER HAS BEEN IMPROVED AND EXTENDED TO A POINT APPROXIMATELY 600 FT NNE OF THE CENTER. TWO NEW SMALL STRUCTURES ARE LOCATED ALONG THIS ROAD, ONE APPROXIMATELY 300 FT NE OF THE CENTER AND THE OTHER 600 FT SE. NO CHANGES OR ADDITIONS ARE APPARENT AT THE OUTRIGGER POSITIONS NW AND SE OF THE CONTROL CENTER. NO CHANGES OR ADDITIONS ARE OBSERVED AT THE 5 LAUNCH SITES OR IN THE SUPPORT AREA.

EARTH MOUNDING OF THE PROBABLE COMPLEX CONTROL CENTER AT THE NW COMPLEX HAS PROGRESSED

25X1D

CONSIDERABLY SINCE MISSION [REDACTED] THE ROOF IS COMPLETELY COVERED AND APPEARS GREY IN TONE. THE WESTERN WALL EXTENDS ABOVE ROOF LEVEL.

25X1D

AN ENTRANCE IS LOCATED ON THE NORTH SIDE OF THE MOUNDED STRUCTURE. THE AREA ADJACENT TO THE CONTROL CENTER TO THE WEST HAS BEEN FURTHER LEVELED SINCE MISSION [REDACTED] AND NOW APPEARS SMOOTH SURFACED.

NO CHANGE IS APPARENT IN THE STRUCTURES AT THE OUTRIGGER POSITIONS NE AND SW OF THE CONTROL CENTER.

ACTIVITY OF AN UNDETERMINED NATURE HAS OCCURRED AT THE SITE CONTROL BUILDING AT LAUNCH SITE A. NO ADDITIONAL CHANGES OR ACTIVITY OBSERVED WITHIN THE LAUNCH SITES OR THE COMPLEX SUPPORT AREA.

CONSTRUCTION STATUS OF THE UNIDENTIFIED FACILITY AT THE SE CORNER OF THE NW COMPLEX IS UNDETERMINED BECAUSE OF POOR IMAGE QUALITY PHOTOGRAPHY. NO EQUIPMENT OR STRUCTURES ARE DISCERNIBLE ON THE 2 ELEVATED HARDSTANDS MOST CLEARLY VISIBLE. A LONG, LOW NARROW STRUCTURE CENTRALLY LOCATED WITHIN THE

25X1

25X1

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25X1

TOP SECRET

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25X1
25X1

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FACILITY CANNOT BE CONFIRMED AS A BUILDING OR REVETMENT.

NO APPARENT CHANGES OR ADDITIONS OBSERVED IN FACILITIES AT THE SW PROBABLE AMM LAUNCH COMPLEX OR AT THE POSSIBLE AMM TRAINING FACILITY COLLOCATED WITH LENINGRAD SAM TRAINING FACILITY C-06.

25X1D

(ATTACHMENTS 6 & 7)

25X1A

CHEREPOVETS SUSP AMM/SAM LNCH COMPLEX U/C UR 5906N 03810E

25X1D

COMPLEX COVERED BY GOOD-QUALITY CLOUD-FREE STEREO PHOTOGRAPHY. CONSTRUCTION AT THE SUSPECT LAUNCH SITES HAS PROGRESSED SINCE MISSION [REDACTED] HOWEVER, THEY REMAIN IN A VERY EARLY CONSTRUCTION STAGE. NO APPARENT CHANGE AT THE SUPPORT AREA 0.5 NM NW OF THE SITES. ROAD IMPROVEMENT CONTINUES NORTHWEST OF THE SUPPORT AREA. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR ELECTRONIC FACILITIES OBSERVED.

25X1D

BONUS 1 SOLTSY SAM SITE UR 5755N 02936E

25X1D

NEWLY IDENTIFIED LINK-CONFIGURATION SA-2 SAM SITE IN MID-STAGE OF CONSTRUCTION LOCATED 24.5 NM SW OF SOLTSY.

BONUS 2 SOLTSY SAM SITE UR 5800N 03002E

NEWLY IDENTIFIED LINK-CONFIGURATION SA-2 SAM SITE IN LATE STAGE OF CONSTRUCTION LOCATED 10.5 NM SW OF SOLTSY.

25X1D

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25X1

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25X1

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25X1

BONUS 3 KALININ SAM SITE UR 5709N 03605E

NEWLY IDENTIFIED SA-2 SAM SITE LOCATED 19 NM NNE
OF KALININ.

25X1D

BONUS 4 KALININ SAM SITE UR 5644N 03617E

NEWLY IDENTIFIED COMPLETED LINK-CONFIGURATION SA-2
SAM SITE LOCATED 16 NM SE OF KALININ.

25X1D

BONUS 5 LITKI FIXED FIELD MRBM SITE 2 UR 5101N 02824E

SITE 2 NM WSW OF LITKI FIXED FIELD MRBM SITE 1 AND
1.7 NM SOUTH OF LITKI CONSISTS OF 2 PAD-LIKE CLEARINGS
ARRANGED ON A FIGURE-8 ROAD PATTERN IN A LARGE
CLEARING IN A FOREST. NO ERECTORS, TENT AREA, OR
OTHER ACTIVITY DISCERNIBLE IN SITE AREA.

25X1D

BONUS 6 ZELENOGORSK SUSPECT STATIC TEST FACILITY UR 6013N 02943E

SECURED RAIL-SERVED FACILITY CONTAINING 2 HIP-ROOFED
ADMINISTRATION BUILDINGS, ONE STORAGE BUILDING,
A SMALL STEAM PLANT, A RAIL-TO-ROAD TRANSFER BUILDING,
A SMALL REVETTED STRUCTURE, 6 UTILITY BUILDINGS,
AND A BUILDING APPROXIMATELY 240 X 110 FT THAT
CLOSELY CONFORMS IN BOTH SIZE AND CONFIGURATION
TO STATIC TEST BUILDINGS WHICH MAY BE USED TO TEST
ROCKET OR JET ENGINES AT VORONEZH, VERKHNYAYA SALDA,
AND UFA. THIS BUILDING HAS A FLAT ROOF WITH ONE
LONGITUDINAL MONITOR, 2 PROJECTIONS RESEMBLING SMALL
HORIZONTAL TEST CELLS, AND A THIRD PROJECTION THAT
COULD HOUSE CONTROL EQUIPMENT. A LARGE OVERHEAD
PIPELINE OR CONVEYOR ENTERS EACH END OF THE BUILDING.
THE AREA IMMEDIATELY ADJACENT TO THE TEST CELLS
THAT WOULD NORMALLY CONTAIN A CLEARED BLAST AREA

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25X1

25X1

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OR BLAST PITS CONTAINS 3 PAIRS OF IDENTICAL OBJECTS
ENCLOSED BY WALLS.

25X1D

25X1

25X1

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25X1

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25X1

25X1D UNDER CONSTRUCTION. NUMEROUS VEHICLES ARE PARKED
THROUGHOUT THE AREA. THE SHUANG-CHENG-TZU AIRFIELD
SHOWS NO APPARENT CHANGE IN FACILITIES SINCE
MISSION [REDACTED] SIX AIRCRAFT ARE PARKED AT THE
AIRFIELD.

25X1D

25X1A

[REDACTED]
SHUANG-CHENG-TZU 650 NM IMPACT AREA CH 4041N 08600E
ONLY WESTERN 60 PERCENT OF SEARCH AREA COVERED.

NO INSTRUMENTATION, COMMUNICATIONS, OR SUPPORT
FACILITIES OR TRANSPORT ROUTES INTO THE AREA OBSERVED.
ADJACENT DESERT AREA ALSO SEARCHED FOR APPROXIMATELY
50 NM SOUTH OF THE WESTERN PORTION OF REQUESTED
SEARCH AREA WITH NEGATIVE RESULTS.

25X1D

25X1A

[REDACTED] MOSCOW GUIDED MISSILE PLANT 67 UR 5545N 03752E

THIS PLANT, IN THE SUBURB OF REUTOV, 8 NM EAST
OF THE CENTER OF MOSCOW, APPEARS TO CONSIST OF
A R&D AND A PRODUCTION AREA. THE R&D AREA IS
COMPOSED OF A MACHINE/ASSEMBLY SHOP, A HIGH-BAY
BUILDING, 3 LARGE ADMINISTRATION/ENGINEERING
BUILDINGS, A LONG NARROW BUILDING SEPARATELY
SECURED, AND A WIND TUNNEL WITH A SMALL
BUILDING WITH 2 LARGE STACKS.

THE PRODUCTION AREA CONTAINS AN ASSEMBLY
BUILDING WITH A HIGH-BAY SECTION, A U-SHAPED
BUILDING, A MEDIUM-SIZE HIGH-HAT BUILDING, 2 SMALL
MACHINE SHOPS, A TRANSFORMER SUBSTATION, AND
NUMEROUS SMALL BUILDINGS. AN ADDITIONAL BUILDING
APPEARS TO BE IN AN EARLY STAGE OF CONSTRUCTION.
THE AREA IS RAIL SERVED, SECURED BY A WALL, AND
HAS SEVERAL INTERNAL SECURITY WALLS.

25X1D

(ATTACHMENT 3)

25X1

26

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TOP SECRET

25X1

TOP SECRET

[REDACTED] Approved For Release 2003/08/04 : CIA-RDP78B04560A002900010021-4

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25X1
25X1

25X1

[REDACTED]

25X1A

[REDACTED] KRSNAYA GORBATKA SUSPECT SSM AREA UR 5553N 04146E

NO MISSILE-RELATED ACTIVITY OBSERVED IN WESTERN
20 PERCENT OF SEARCH AREA. REMAINDER NOT COVERED.

25X1D AREA CANNOT BE NEGATED.

[REDACTED]

25X1A

[REDACTED] NOVOSTROYKA SUSPECT SSM AREA UR 5619N 03803E

NO NEW SSM ACTIVITY OBSERVED WITHIN 50-NM RADIUS
SEARCH AREA.

25X1D

[REDACTED]

25X1A

[REDACTED] CHEBARKUL SUSPECT SSM AREA UR 5458N 06025E

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF
50-NM RADIUS SEARCH AREA, WHICH IS 95 PERCENT CLOUD
COVERED.

25X1D

[REDACTED]

25X1A

[REDACTED] KUZNETSK SUSPECT SSM AREA UR 5307N 04636E

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF
THE WESTERN ONE-THIRD OF THE 50-NM RADIUS SEARCH
AREA. EASTERN TWO-THIRDS CLOUD COVERED.

25X1D

[REDACTED]

25X1A

[REDACTED] MOSCOW SUSPECT ABM AREA UR 5545N 03737E

APPROXIMATELY 75 PERCENT OF SEARCH AREA OBSERVED ON
CLOUD-FREE PHOTOGRAPHY. TWO NEW AREAS OF CONSTRUCTION
IDENTIFIED AT SA-1 SAM SITES E05-1 AND E33-1.
AT E33-1 A PROBABLE BUILDING TRIAD IS UNDER
CONSTRUCTION 2,040 FT EAST OF THE PREVIOUSLY
IDENTIFIED POSSIBLE AMM ASSOCIATED ELECTRONIC
FACILITY. THE CONSTRUCTION CONSISTS OF 2 CLEARINGS

25X1

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TOP SECRET

25X1

25X1

TOP SECRET

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210 X 155 FT AND 320 X 240 FT AND AN EXCAVATION MEASURING APPROXIMATELY 190 X 140 FT. THE 3 AREAS ARE ARRANGED IN TRIANGULAR CONFIGURATION WITH SIDES MEASURING 820, 880, AND 920 FT RESPECTIVELY. AT THE NW CORNER OF THE LARGE BUILDING AT THE POSSIBLE AMM-ASSOCIATED ELECTRONIC FACILITY IS A NEWLY IDENTIFIED CIRCULAR STRUCTURE APPROXIMATELY 145 FT IN DIAMETER ENCIRCLING A POSSIBLE RECESSED DOME.

25X1D

NEITHER CHANGE WAS VISIBLE ON MISSION [REDACTED] AT E05-1 CLEARINGS FOR A SUSPECT BUILDING TRIAD ARE IDENTIFIED 2,085 FT SE OF THE PREVIOUSLY REPORTED POSSIBLE AMM-ASSOCIATED ELECTRONIC FACILITY.

25X1D

THE 3 CLEARINGS MEASURE 400 X 170, 125 X 115, AND 125 X 85 FT, RESPECTIVELY, AND ARE ARRANGED IN A TRIANGULAR CONFIGURATION WITH SIDES MEASURING 850, 870, AND 950 FT. A ROAD IS UNDER CONSTRUCTION CONNECTING THE LAUNCH AREA PERIMETER ROAD WITH THE 400 X 170 FT CLEARING. THIS ACTIVITY WAS NOT VISIBLE

ON MISSION [REDACTED]

25X1D

A RECTANGULAR REVETMENT HAS BEEN COMPLETED BETWEEN THE FOURTH AND FIFTH RIB ROADS OF E05-1 ON THE NORTH SIDE OF THE LAUNCH AREA. PRELIMINARY CLEARING FOR REVETMENT CONSTRUCTION WAS FIRST OBSERVED ON

25X1D

MISSION [REDACTED] ACTIVITY CONTINUES IN THE AREAS OF UNIDENTIFIED CONSTRUCTION AT SA-1 SAM SITES C25-1, C30-1, C33-1, AND E10-1. THE REMAINDER OF THE SA-1 SAM SITES ARE NOT COVERED OR SHOW NO APPARENT CHANGE SINCE

25X1D

(ATTACHMENTS 4 & 5)

25X1A

[REDACTED] LENINGRAD PROBABLE AMM AREA UR 5955N 03020E

25X1D

AREA COVERED BY GOOD-QUALITY, CLOUD-FREE STEREO PHOTOGRAPHY. NO AMM-RELATED ELECTRONIC EQUIPMENT, NEW ELECTRONIC SITES, OR NUCLEAR WEAPONS STORAGE FACILITIES IDENTIFIED IN THE REFERENCED SEARCH AREA. NO MISSILES, MISSILE-ASSOCIATED VEHICLES/EQUIPMENT, OR ELECTRONICS EQUIPMENT IDENTIFIED. NEW ACTIVITY SINCE MISSION [REDACTED] IS OBSERVED IN THE VICINITY OF THE PROBABLE COMPLEX CONTROL CENTER AT THE NE PROBABLE AMM LAUNCH COMPLEX. EARTH

25X1

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**Air
Facilities**

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25X1

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25X1

25X1

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25X1A

AIR FACILITIES

[REDACTED] PU-HA-MANG-KA-NAI AREA AIRFIELD CH 3412N 09235E

RUNWAY OUTLINE NOT DISCERNIBLE. AIRFIELD
PROBABLY ABANDONED.

25X1D

[REDACTED]

25X1A

[REDACTED] KARSHI AIRFIELD SOUTH UR 3849N 06545E

AIRCRAFT -- 3 POSSIBLE LIGHT STRAIGHT-WING.

OBLIQUITY PRECLUDES DETAILED ANALYSIS.

25X1D

[REDACTED]

25X1

25X1

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**Nuclear
Energy**

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25X2

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**Electronics/
Communications**

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25X1
25X1

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25X1

25X1A

ELECTRONICS/COMMUNICATIONS

[REDACTED] MOSCOW SUSPECT AMM PHASED-ARRAY RADAR UR 5529N 03641E

CONSTRUCTION CONTINUES ON THE SUSPECT RADAR. THE ANNEX LOCATED AT THE NW CORNER OF THE PROBABLE CONTROL BUILDING HAS BEEN JOINED WITH THE CONTROL BUILDING TO FORM A MODIFIED L-SHAPED BUILDING. NO SIGNIFICANT CHANGES OBSERVED IN OPERATIONS AREA B, OR SUPPORT AREAS A AND B.

25X1D

25X1A

[REDACTED] ELTON ELECTRONIC FACILITY UR 4915N 04648E

25X1A

INSTALLATION IS SIMILAR TO PALLASOVKA ELECTRONICS FACILITY (COMOR TARGET NO [REDACTED])

25X1D

25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1A

[REDACTED] PALLASOVKA ELECTRONIC FACILITY UR 5003N 04654E

THIS SITE IS NOW IDENTIFIED AS A ELECTRONIC FACILITY (PROBABLY A TRACKING SITE) BASED ON THE IDENTIFICATION OF A COMMUNICATIONS AREA (PREVIOUSLY REPORTED AS UNIDENTIFIED POSITION ON [REDACTED])

25X1D

[REDACTED] WHICH CONTAINS 8 HARDSTANDS WITH A COMMUNICATIONS VAN POSITIONED ON EACH. THIS SITE IS NEARLY IDENTICAL TO THE ELTON SITE AND BASED ON THEIR SIMILARITY THE ELTON SITE IS ALSO IDENTIFIED AS ELECTRONIC (COMOR TARGET NO [REDACTED])

25X1A

BONUS OSTROV PANKRATYEVA LONG RANGE LF NAV ANT UR 7607N 06002E

ANTENNA FOR 275-360 KC OPERATION HAS CABLE RUNS THAT INTERSECT AT 90 DEGREES FORMING A T CONFIGURATION. MEASURED FROM TOWER AT CENTER OF INTERSECTION CABLE RUNS EXTEND 7,755 FT NW-SE TO TOWER AT EACH END AND 5,500 FT SW TO FOURTH TOWER.

25X1

40

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25X1

25X1

TOP SECRET

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25X1
25X1

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SUPPORT AREA OF 7 BUILDINGS AND APPROXIMATELY
4 GENERATORS LOCATED NEAR CENTRAL TOWER.

25X1D

25X1
25X1

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INDEX OF COMOR TARGETS

THIS SECTION CONTAINS A COMPOSITE LIST, BY TARGET NUMBER, OF ALL COMOR TARGETS REVIEWED DURING THE SCAN OF MISSION 1011-1. THE ROMAN NUMERAL UNDER THE OAK COLUMN INDICATES THE PART OF OAK 1011-1 IN WHICH THE TARGET WAS REPORTED.

COMOR	INSTALLATION NAME	CTY COORDINATES
	PLESETSK ICBM COMPLEX	UR 6256N 04039E II
	SVOBODNYY ICBM COMPLEX	UR 5146N 12807E II
	DROVYANAYA ICBM COMPLEX	UR 5132N 11301E II
	VOZZHAYEVKA SUSPECT SSM AREA	UR 5044N 12842E I
	TEYKOVO ICBM COMPLEX	UR 5652N 04035E II
	YEDROVO ICBM COMPLEX	UR 5751N 03341E II
	GLADKAYA ICBM COMPLEX	UR 5605N 09213E II
	UZHUR ICBM COMPLEX	UR 5517N 08949E II
	KOZELSK ICBM COMPLEX	UR 5357N 03548E II
	NERCHINSK SUSPECT SSM AREA	UR 5158N 11635E II
	OLOVYANNAYA ICBM COMPLEX	UR 5048N 11550E I
	ZHANGIZ-TOBE ICBM COMPLEX	UR 4912N 08110E I
	DOMBAROVSKIY ICBM COMPLEX	UR 5102N 05949E I
	GVARDEYSK MRBM LAUNCH SITE 2	UR 5445N 02109E II
	SLAVSK MRBM LAUNCH SITE 2	UR 5500N 02129E II
	ZNAMENSK MRBM LAUNCH SITE 1	UR 5433N 02111E II
	GUSEV MRBM LAUNCH SITE 1	UR 5441N 02205E II
	YELSK MRBM LAUNCH SITE 1	UR 5142N 02912E II
	BALTA MRBM LAUNCH SITE 1	UR 4801N 02933E II
	NEMAN MRBM LAUNCH SITE	UR 5501N 02211E II
	KARA-BABAU IRBM LAUNCH SITE 2	UR 4431N 07758E I
	ZHITOMIR MRBM LAUNCH SITE 1	UR 5004N 02816E II
	PETRIKOV MRBM LAUNCH SITE	UR 5210N 02834E II
	PETROVSKIY IRBM LAUNCH SITE	UR 5000N 05658E I
	BAYRAM-ALI IRBM LAUNCH SITE	UR 3746N 06212E I
	BERDICHEV MRBM LAUNCH SITE	UR 5005N 02822E II
	ROZHDESTVENKA MRBM LAUNCH SITE	UR 4547N 13343E I
	KARAKHOBDA IRBM LAUNCH SITE	UR 4957N 05651E I
	GRANOV IRBM LAUNCH SITE 2	UR 4849N 02929E II
	SMORGON IRBM LAUNCH SITE 2	UR 5426N 02618E I
	GURLEVO MRBM LAUNCH SITE	UR 5925N 02852E II
	OTYNYA MRBM LAUNCH SITE	UR 4847N 02450E II
	RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE	UR 5104N 02807E II
	SOKAL MRBM LAUNCH SITE 3	UR 5020N 02426E II
	LIELELEJA MRBM LAUNCH SITE	UR 5624N 02336E II

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SEMENOVKA IRBM LAUNCH SITE 2	UR 4753N 03057E II
VAINODE IRBM LAUNCH SITE	UR 5628N 02150E I
KISHENTSY MRBM LAUNCH SITE	UR 4900N 03013E II
KALNIK IRBM LAUNCH SITE	UR 4859N 02922E II
KARA-BABAU IRBM LAUNCH SITE 3	UR 4431N 07743E I
ACHKHOY-MARTAN MRBM LAUNCH SITE	UR 4310N 04511E I
POSTAVY MRBM LAUNCH SITE 2	UR 5506N 02700E I
BOLSHAYA KAMENKA IRBM LAUNCH SITE	UR 5145N 04541E II
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR	UR 4835N 04545E II
SARY-SHAGAN ANTIMISSILE TEST CENTER	UR 4602N 07334E I
SHUANG-CHENG-TZU MISSILE TEST CENTER	CH 4107N 10020E II
SHUANG-CHENG-TZU 650 NM IMPACT AREA	CH 4041N 08600E II
ZAGORSK ROCKET TEST FACILITY	UR 5627N 03812E I
KRASNOYARSK ROCKET ENGINE TEST FACILITY	UR 5605N 09327E I
TAI-YUAN PROB SOLID PROPELLANT TEST FAC	CH 3759N 11233E I
SARATOV AIRFRAME PLANT 292	UR 5130N 04557E I
MOSCOW GUIDED MISSILE PLANT 67	UR 5545N 03752E I
KRASNAYA GORBATKA SUSPECT SSM AREA	UR 5553N 04146E II
NOVOSTROYKA SUSPECT SSM AREA	UR 5619N 03803E II
CHEBARKUL SUSPECT SSM AREA	UR 5458N 06025E II
KUZNETSK SUSPECT SSM AREA	UR 5307N 04636E II
SEVERODVINSK NAVAL BASE AND SHIPYARD 402	UR 6434N 03949E I
GUBA LITSA SUBMARINE BASE	UR 6926N 03224E I
VLADIMIR SUBMARINE BASE	UR 4355N 13528E I
KALININGRAD SUSP NAVAL MISSILE STORAGE	UR 5450N 02028E I
SOVETSKAYA GAVAN NVL BASE & SHIPYARD 263	UR 4858N 14017E I
MOSCOW SUSPECT ABM AREA	UR 5545N 03737E II
LENINGRAD PROBABLE AMM AREA	UR 5955N 03020E II
ANTIPINSKOYE SAM ACTIVITY	UR 5254N 11332E I
CHEREPOVETS SUSP AMM/SAM LNCH COMPLEX U/CUR	5906N 03810E II
CHEPELEVKA AIRFIELD	UR 4947N 03026E I
ENGELS AIRFIELD	UR 5129N 04611E I
SIAULIAI AIRFIELD	UR 5553N 02323E I
UKRAINA AIRFIELD	UR 5110N 12826E I
BORZYA AIRFIELD NORTHWEST	UR 5024N 11623E I
BARANOVICHI AIRFIELD	UR 5306N 02603E I
MINSK/MACHULISHCHE AIRFIELD	UR 5347N 02735E I
CHERVONO-GLINSKOYE AIRFIELD	UR 4557N 02923E I
STRYY AIRFIELD	UR 4914N 02348E I
BYKHOD AIRFIELD	UR 5331N 03012E I
MOZDOK AIRFIELD	UR 4347N 04436E I
KALININGRAD/PROVEREN AIRFIELD	UR 5446N 02025E I
BELAYA TSERKOV AIRFIELD	UR 4947N 03001E I
RYAZAN/DYAGILEVO AIRFIELD	UR 5439N 03935E I
ZHITOMIR/SKOMOROKHI AIRFIELD	UR 5010N 02844E I
ANISOVO GORODISHCHE AIRFIELD	UR 5414N 03422E I

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BOBRUYSK AIRFIELD	UR 5306N 02912E	I
KALININ AIRFIELD	UR 5649N 03545E	I
SOLTSY AIRFIELD	UR 5808N 03020E	I
RAMENSKOYE AIRCRAFT EXPERIMENTAL PLANT	UR 5535N 03807E	I
KUNMADARAS AIRFIELD	HU 4724N 02047E	I
PU-HA-MANG-KA-NAI AREA AIRFIELD	CH 3412N 09235E	II
KARSHI AIRFIELD SOUTH	UR 3849N 06545E	II

25X2

25X2

KRONSHTADT NAVAL BASE AND SHIPYARD	UR 5959N 02947E	I
KLAIPEDA NAVAL BASE AND SHIPYARD	UR 5542N 02108E	I
LENINGRAD SHIPYARD ADMIRALTY 194	UR 5955N 03016E	I
LENINGRAD SHIPYARD ZHDANOV 190	UR 5952N 03014E	I
LENINGRAD SHIPYARD BALTIYSK/ORDZH 189	UR 5955N 03016E	I
LENINGRAD SHIPYARD SUDOMEKH 196	UR 5956N 03017E	I

SAMODED SUSPECT COMMUNICATIONS FACILITY	UR 6336N 04028E	I
LAPICHI HF RDO RELAY & MF BROADCAST STA	UR 5325N 02831E	I
MOSCOW SUSPECT AMM PHASED-ARRAY RADAR	UR 5529N 03641E	II
TALSI SUSPECT SATELLITE TRACKING STATION	UR 5717N 02235E	I
ELTON ELECTRONIC FACILITY	UR 4915N 04648E	II
PALLASOVKA ELECTRONIC FACILITY	UR 5003N 04654E	II
CHIATURA COMPLEX	UR 4217N 04316E	I
ZHUKOVKA SENSITIVE OPERATIONS COMPLEX	UR 5333N 03357E	I
CHAADAYEVKA SENSITIVE OPERATIONS COMPLEX	UR 5307N 04602E	I

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